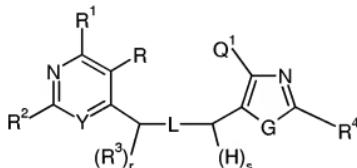


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously amended) A compound of the Formula I:



Formula I

wherein:

-L- represents a double bond and r and s each represent 1 or -L- represents a triple bond and r and s each represent 0;

G is selected from O, S and NR⁵;

Y is N;

Q¹ is selected from aryl and heteroaryl,

and wherein Q¹ is optionally substituted by one or more substituents, which may be the same or different, selected from halogeno, trifluoromethyl, trifluoromethoxy, cyano, nitro, hydroxy, amino, carboxy, carbamoyl, (1-6C)alkyl, (2-8C)alkenyl, (2-8C)alkynyl, (1-6C)alkoxy, (2-6C)alkenylloxy, (2-6C)alkynylloxy, (1-6C)alkylthio, (1-6C)alkylsulfsulfinyl, (1-6C)alkylsulfsulfonyl, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, (1-6C)alkoxycarbonyl, N-(1-6C)alkylcarbamoyl, N,N-di-[(1-6C)alkyl]carbamoyl, (2-6C)alkanoyl, (2-6C)alkanoyloxy, (2-6C)alkanoylamino, N-(1-6C)alkyl-(2-6C)alkanoylamino, (3-6C)alkenoylamino, N-(1-6C)alkyl-(3-6C)alkenoylamino, (3-6C)alkynoylamino, N-(1-6C)alkyl-(3-6C)alkynoylamino, N-(1-6C)alkylsulfsulfamoyl, N,N-di-[(1-6C)alkyl]sulfsulfamoyl, (1-6C)alkanesulfsulfonylamino, N-(1-6C)alkyl-(1-6C)alkanesulfsulfonylamino, from a group of the formula:



wherein X¹ is a direct bond or is selected from O and N(R⁸), wherein R⁸ is hydrogen or (1-6C)alkyl, and R⁷ is halogeno-(1-6C)alkyl, hydroxy-(1-6C)alkyl, (1-6C)alkoxy-(1-6C)alkyl, cyano-(1-6C)alkyl, amino-(1-6C)alkyl, (1-6C)alkylamino-(1-6C)alkyl or di-[(1-6C)alkyl]amino-(1-6C)alkyl, and from a group of the formula :

$$-X^2 - Q^2$$

wherein X^2 is a direct bond or is selected from O, S, SO, SO_2 , $N(R^9)$, CO , $CH(OR^9)$, $CON(R^9)$, $N(R^9)CO$, $N(R^9)CON(R^9)$, $SO_2N(R^9)$, $N(R^9)SO_2$, $C(R^9)_2O$, $C(R^9)_2S$ and $N(R^9)C(R^9)_2$, wherein R^9 is hydrogen or (1-6C)alkyl, and Q^2 is aryl, aryl-(1-6C)alkyl, heteroaryl, heteroaryl-(1-6C)alkyl, heterocycl or heterocycl-(1-6C)alkyl which optionally bears 1, 2 or 3 substituents, which may be the same or different, selected from trifluoromethyl, trifluoromethoxy, cyano, nitro, hydroxy, amino, carboxy, carbamoyl, (1-6C)alkyl, (2-8C)alkenyl, (2-8C)alkynyl, (1-6C)alkoxy, (2-6C)alkenyoxy, (2-6C)alkynyoxy, (1-6C)alkylthio, (1-6C)alkylsulfinyl, (1-6C)alkylsulfonyl, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, (1-6C)alkoxycarbonyl, N -(1-6C)alkylcarbamoyl, N,N -di-[(1-6C)alkyl]carbamoyl, (2-6C)alkanoyl, (2-6C)alkanoyloxy, (2-6C)alkanoylamino, N -(1-6C)alkyl-(2-6C)alkanoylamino, N -(1-6C)alkylsulfamoyl, N,N -di-[(1-6C)alkyl]sulfamoyl, (1-6C)alkanesulfonylamino and N -(1-6C)alkyl-(1-6C)alkanesulfonylamino, and from a group of the formula:

$$-x^3 - B^{10}$$

wherein X^3 is a direct bond or is selected from O and N(R^{11}), wherein R^{11} is hydrogen or (1-6C)alkyl, and R^{10} is halogeno-(1-6C)alkyl, hydroxy-(1-6C)alkyl, (1-6C)alkoxy-(1-6C)alkyl, cyano-(1-6C)alkyl, amino-(1-6C)alkyl, (1-6C)alkylamino-(1-6C)alkyl or di-[(1-6C)alkyl]amino-(1-6C)alkyl, and any heterocyclyl group within Q^2 optionally bears 1 or 2 oxo or thioxo substituents;

R is selected from hydrogen, amino, hydroxy, halogeno, (1-6C)alkyl, (1-6C)alkoxy, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, carboxy, (1-6C)alkoxycarbonyl and N-(heterocycl(3-8C)cycloalkyl)carbamoyl:

R¹ is selected from hydrogen, halogeno, trifluoromethyl, trifluoromethoxy, cyano, nitro, hydroxy, amino, mercapto, carbamoyl, (1-6C)alkyl, (2-8C)alkenyl, (2-8C)alkynyl, (1-6C)alkoxy, (2-6C)alkenylxyloxy, (2-6C)alkynylxyloxy, (1-6C)alkylthio, (1-6C)alkylsulfinyl, (1-6C)alkylsulfonyl, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, (1-6C)alkoxycarbonyl, N-(1-6C)alkylcarbamoyl, N,N-di-[(1-6C)alkyl]carbamoyl, (2-6C)alkanoyl, (2-6C)alkanoyloxy, (2-6C)alkanoylamino, N-(1-6C)alkyl-(2-6C)alkanoylamino, (3-6C)alkenoylamino, N-(1-6C)alkyl-(3-6C)alkenoylamino, (3-6C)alkynoylamino, N-(1-6C)alkyl-(3-6C)alkynoylamino, N-(1-6C)alkylsulfamoyl, N,N-di-[(1-6C)alkyl]sulfamoyl, (1-6C)alkanesulfonylamino and N-(1-6C)alkyl-(1-6C)alkanesulfonylamino;

R² is selected from hydrogen, halogeno, amino, hydroxy, halogeno, (1-6C)alkyl, (1-6C)alkoxy, (1-6C)alkylthio, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, aryl(1-6C)alkylamino, arylamino, heterocyclyl and (2-6C)alkanoylamino;

R^3 is selected from hydrogen, (1-6C)alkyl, hydroxy(1-6C)alkyl, carboxy, (1-6C)alkoxycarbonyl, carbamoyl, \underline{N} -(1-6C)alkylcarbamoyl, $\underline{N},\underline{N}$ -di-[(1-6C)alkyl]carbamoyl and N -(heterocycl(3-8C)cycloalkyl)carbamoyl;

R^5 is, independently, as defined for R^4 and R^6 , provided that R^5 is not halogeno;

R^4 and R^6 which may be the same or different, are selected from hydrogen, halogeno, trifluoromethyl, trifluoromethoxy, cyano, isocyano, nitro, hydroxy, mercapto, amino, formyl, carboxy, carbamoyl, sulfamoyl, (1-6C)alkyl, (2-8C)alkenyl, (2-8C)alkynyl, (1-6C)alkoxy, (2-6C)alkenyoxy, (2-6C)alkynyoxy, (1-6C)alkylthio, (1-6C)alkylsulfinyl, (1-6C)alkylsulfonyl, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, (1-6C)alkoxycarbonyl, \underline{N} -(1-6C)alkylcarbamoyl, $\underline{N},\underline{N}$ -di-[(1-6C)alkyl]carbamoyl, (2-6C)alkanoyl, (2-6C)alkanoyloxy, (2-6C)alkanoylamino, \underline{N} -(1-6C)alkyl-(2-6C)alkanoylamino, (3-6C)alkenoylamino, \underline{N} -(1-6C)alkyl-(3-6C)alkenoylamino, (3-6C)alkynoylamino, \underline{N} -(1-6C)alkyl-(3-6C)alkynoylamino, \underline{N} -(1-6C)alkylsulfamoyl, $\underline{N},\underline{N}$ -di-[(1-6C)alkyl]sulfamoyl, (1-6C)alkanesulfonylamino and \underline{N} -(1-6C)alkyl-(1-6C)alkanesulfonylamino, and from a group of the formula :

Q^4-X^5-

wherein X^5 is a direct bond or is selected from O, S, SO, SO₂, N(R¹²), CO, CH(OR¹²), CON(R¹²), N(R¹²)CO, SO₂N(R¹²), N(R¹²)SO₂, OC(R¹²)₂, SC(R¹²)₂ and N(R¹²)C(R¹²)₂, wherein R¹² is hydrogen or (1-6C)alkyl, and Q⁴ is aryl, aryl-(1-6C)alkyl, (3-7C)cycloalkyl, (3-7C)cycloalkyl-(1-6C)alkyl, (3-7C)cycloalkenyl, (3-7C)cycloalkenyl-(1-6C)alkyl, heteroaryl, heteroaryl-(1-6C)alkyl, heterocycl or heterocycl-(1-6C)alkyl,

and wherein adjacent carbon atoms in any (2-6C)alkylene chain within an R^4 , R^5 or R^6 substituent are optionally separated by the insertion into the chain of a group selected from O, S, SO, SO₂, N(R¹³), CO, CH(OR¹³), CON(R¹³), N(R¹³)CO, SO₂N(R¹³), N(R¹³)SO₂, CH=CH and C≡C wherein R¹³ is hydrogen or (1-6C)alkyl,

and wherein any CH₂=CH- or HC≡C- group within an R^4 , R^5 or R^6 substituent optionally bears at the terminal CH₂= or HC≡ position a substituent selected from halogeno, carboxy, carbamoyl, (1-6C)alkoxycarbonyl, \underline{N} -(1-6C)alkylcarbamoyl, $\underline{N},\underline{N}$ -di-[(1-6C)alkyl]carbamoyl, amino-(1-6C)alkyl, (1-6C)alkylamino-(1-6C)alkyl and di-[(1-6C)alkyl]amino-(1-6C)alkyl and from a group of the formula :

Q^5-X^6-

wherein X^6 is a direct bond or is selected from CO and $N(R^{14})CO$, wherein R^{14} is hydrogen or (1-6C)alkyl, and Q^5 is aryl, aryl-(1-6C)alkyl, heteroaryl, heteroaryl-(1-6C)alkyl, heterocycl or heterocycl-(1-6C)alkyl,

and wherein any CH_2 or CH_3 group within a R^4 , R^5 or R^6 substituent optionally bears on each said CH_2 or CH_3 group one or more halogeno or (1-6C)alkyl substituents or a substituent selected from hydroxy, cyano, amino, carboxy, carbamoyl, (1-6C)alkoxy, (1-6C)alkylthio, (1-6C)alkylsulfinyl, (1-6C)alkylsulfonyl, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, (1-6C)alkoxycarbonyl, N -(1-6C)alkylcarbamoyl, N,N -di-[(1-6C)alkyl]carbamoyl, (2-6C)alkanoyl, (2-6C)alkanoyloxy, (2-6C)alkanoylamin, N -(1-6C)alkyl-(2-6C)alkanoylamin, N -(1-6C)alkylsulfamoyl, N,N -di-[(1-6C)alkyl]sulfamoyl, (1-6C)alkanesulfonylamin or N -(1-6C)alkyl-(1-6C)alkanesulfonylamin, or from a group of the formula :

$-X^7-Q^6$

wherein X^7 is a direct bond or is selected from O, S, SO_2 , $N(R^{15})$, CO, $CH(OR^{15})$, $CON(R^{15})$, $N(R^{15})CO$, $SO_2N(R^{15})$, $N(R^{15})SO_2$, $C(R^{15})_2O$, $C(R^{15})_2S$ and $N(R^{15})C(R^{15})_2$, wherein R^{15} is hydrogen or (1-6C)alkyl, and Q^6 is aryl, aryl-(1-6C)alkyl, (3-7C)cycloalkyl, (3-7C)cycloalkyl-(1-6C)alkyl, (3-7C)cycloalkenyl, (3-7C)cycloalkenyl-(1-6C)alkyl, heteroaryl, heteroaryl-(1-6C)alkyl, heterocycl or heterocycl-(1-6C)alkyl,

and wherein any aryl, heteroaryl, heterocycl, cycloalkyl or cycloalkenyl group within a substituent on R^4 , R^5 or R^6 optionally bears 1 or more substituents, which may be the same or different, selected from halogeno, trifluoromethyl, trifluoromethoxy, cyano, nitro, hydroxy, amino, carboxy, carbamoyl, (1-6C)alkyl, (2-8C)alkenyl, (2-8C)alkynyl, (1-6C)alkoxy, (2-6C)alkenyloxy, (2-6C)alkynyoxy, (1-6C)alkylthio, (1-6C)alkylsulfinyl, (1-6C)alkylsulfonyl, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, (1-6C)alkoxycarbonyl, N -(1-6C)alkylcarbamoyl, N,N -di-[(1-6C)alkyl]carbamoyl, (2-6C)alkanoyl, (2-6C)alkanoyloxy, (2-6C)alkanoylamin, N -(1-6C)alkyl-(2-6C)alkanoylamin, N -(1-6C)alkylsulfamoyl, N,N -di-[(1-6C)alkyl]sulfamoyl, (1-6C)alkanesulfonylamin, N -(1-6C)alkyl-(1-6C)alkanesulfonylamin, from a group of the formula :

$-X^8-R^{16}$

wherein X^8 is a direct bond or is selected from O and $N(R^{17})$, wherein R^{17} is hydrogen or (1-6C)alkyl, and R^{16} is halogeno-(1-6C)alkyl, hydroxy-(1-6C)alkyl, (1-6C)alkoxy-(1-6C)alkyl, cyano-(1-6C)alkyl, amino-(1-6C)alkyl, (1-6C)alkylamino-(1-6C)alkyl, di-[(1-6C)alkyl]amino-(1-6C)alkyl, (2-6C)alkanoylamin-(1-6C)alkyl or (1-6C)alkoxycarbonylamin-(1-6C)alkyl, and from a group of the formula :

$-X^9-Q^7$

wherein X^9 is a direct bond or is selected from O, S, SO, SO₂, N(R¹⁸), CO, CH(OR¹⁸), CON(R¹⁸), N(R¹⁸)CO, SO₂N(R¹⁸), N(R¹⁸)SO₂, C(R¹⁸)₂O, C(R¹⁸)₂S or N(R¹⁸)C(R¹⁸)₂, wherein R¹⁸ is hydrogen or (1-6C)alkyl, and Q⁷ is aryl, aryl-(1-6C)alkyl, (3-7C)cycloalkyl, (3-7C)cycloalkyl-(1-6C)alkyl, (3-7C)cycloalkenyl, (3-7C)cycloalkenyl-(1-6C)alkyl, heteroaryl, heteroaryl-(1-6C)alkyl, heterocyclyl or heterocyclyl-(1-6C)alkyl which optionally bears 1 or 2 substituents, which may be the same or different, selected from halogeno, trifluoromethyl, trifluoromethoxy, cyano, nitro, hydroxy, amino, carboxy, carbamoyl, (1-6C)alkyl, (2-8C)alkenyl, (2-8C)alkynyl, (1-6C)alkoxy, (2-6C)alkenylxy, (2-6C)alkynylxy, (1-6C)alkylthio, (1-6C)alkylsulfinyl, (1-6C)alkylsulfonyl, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, (1-6C)alkoxycarbonyl, N-(1-6C)alkylcarbamoyl, N,N-di-[(1-6C)alkyl]carbamoyl, (2-6C)alkanoyl, (2-6C)alkanoylxy, (2-6C)alkanoylamino, N-(1-6C)alkyl-(2-6C)alkanoylamino, N-(1-6C)alkylsulfamoyl, N,N-di-[(1-6C)alkyl]sulfamoyl, (1-6C)alkanesulfonylamino and N-(1-6C)alkyl-(1-6C)alkanesulfonylamino,

or when G is NR⁵, R⁴ and R⁵ together with the atoms to which they are attached form a fused 5- or 6- membered heteroaryl or heterocyclyl ring, and wherein said fused 5- or 6-membered ring optionally bears one or more substituents as defined for R⁴,

and any fused 5- or 6- membered heterocyclyl ring so formed optionally bears 1 or 2 oxo or thioxo substituents,

and wherein any heterocyclyl group within any R⁴, R⁵ or R⁶ substituent optionally bears 1 or 2 oxo or thioxo substituents;

or a pharmaceutically-acceptable salt thereof;

provided the compound is not 4-[2-(6-phenylimidazo[2,1-b][1,3-thiazol-5-yl)ethenyl]-2-pyrimidinamine.

2. (original) A pharmaceutical composition which comprises a compound of the Formula I, or a pharmaceutically acceptable salt thereof, as defined in claim 1 in association with a pharmaceutically-acceptable diluent or carrier.

3. (Previously canceled)

4. (Previously canceled)

5. (Previously canceled)

6. (Previously presented) A compound according to Claim 1 wherein \mathbf{R} is selected from hydrogen, halogeno, carboxy, (1-6C)alkoxycarbonyl and N -(heterocycl(3-8C)cycloalkyl)carbamoyl or a pharmaceutically acceptable salt thereof.

7. (Previously presented) A compound according to Claim 1 wherein \mathbf{R}^1 is selected from hydrogen, amino and (1-6C)alkyl or a pharmaceutically acceptable salt thereof.

8. (Previously presented) A compound according to Claim 1 wherein \mathbf{R}^2 is selected from hydrogen, halogeno, hydroxy, amino, (1-6C)alkylthio, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, aryl(1-6C)alkylamino, arylamino, heterocycl and (2-6C)alkanoylamino or a pharmaceutically acceptable salt thereof.

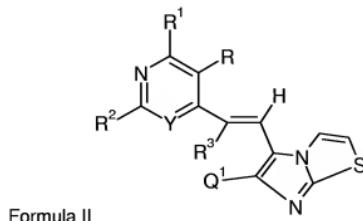
9. (Previously presented) A compound according to Claim 1 wherein \mathbf{R}^3 is selected from hydrogen, carboxy, (1-6C)alkoxycarbonyl, hydroxy(1-6C)alkyl, N -(1-6C)alkylcarbamoyl and N -(heterocycl(3-8C)cycloalkyl)carbamoyl or a pharmaceutically acceptable salt thereof.

10. (Previously presented) A compound according to Claim 1 wherein \mathbf{R}^4 is hydrogen and \mathbf{R}^5 is selected from (1-6C)alkyl, aryl(1-6C)alkyl, carboxy(1-6C)alkyl, heterocycl(1-6C)alkyl and amino(1-6C)alkyl wherein the amino group is optionally substituted by one or more (1-6C)alkyl or a pharmaceutically acceptable salt thereof.

11. (Previously canceled)

12. (Previously canceled)

13. (New) A compound according to Claim 1 as represented by Formula II

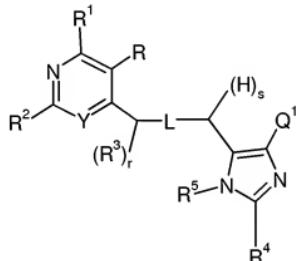


wherein

Y, Q¹, R, R¹, R² and R³ are as defined in Claim 1;

or a pharmaceutically-acceptable salt thereof.

14. (New) A compound according to Claim 1 as represented by Formula III



Formula III

wherein

Y, Q¹, L, R, R¹, R², R³, R⁴, R⁵, r and s are as defined in Claim 1;

or a pharmaceutically-acceptable salt thereof.